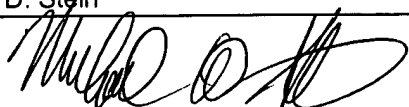


10281 U.S. PTO  
042104

S&amp;H Form (10/03)

22387 U.S. PTO  
10/828326

042104

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No. 1293.1127C1			
		Application Number			
		Filing Date April 21, 2004			
AMOUNT ENCLOSED	\$ 770.00	First Named Inventor	Jae-seong Shim		
<b>FEE CALCULATION (fees effective 10/01/01)</b>					
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	15 - 20 =	0	X \$ 18.00 =	\$ 0.00
	INDEPENDENT CLAIMS	2 - 3 =	0	X \$ 86.00 =	0.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$290.00 =	
	BASIC FILING FEE				770.00
	Total of above				\$ 770.00
	Calculations =				
	Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)				
	Reduction by 50% for filing by small entity (37 CFR 1.27).				
	TOTAL FILING FEE =				\$ 770.00
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h))				
	TOTAL FEES DUE =				\$ 770.00
<b>METHOD OF PAYMENT</b>					
<input checked="" type="checkbox"/> Check enclosed as payment.					
<input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.					
<input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).					
<b>GENERAL AUTHORIZATION</b>					
<input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:					
Deposit Account No.		19-3935			
Deposit Account Name		STAAS & HALSEY LLP			
<input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.					
SUBMITTED BY: STAAS & HALSEY LLP					
Typed Name	Michael D. Stein		Reg. No.	37,240	
Signature			Date	April 21, 2004	



13281 U.S. PTO

042104

S&amp;H Form: PTO/SB/05 (2/02)

<b>CONTINUING (1.53(b)) UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for continuing applications under 37 CFR 1.53(b))</small>	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">Attorney Docket No. 1293.1127C1</td></tr><tr><td colspan="2">First Named Inventor: Jae-seong Shim</td></tr><tr><td style="width: 30%;">Title:</td><td>SCRAMBLER AND SCRAMBLING METHOD</td></tr><tr><td colspan="2">Express Mail Label No.</td></tr></table>	Attorney Docket No. 1293.1127C1		First Named Inventor: Jae-seong Shim		Title:	SCRAMBLER AND SCRAMBLING METHOD	Express Mail Label No.																																																											
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<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>	<b>ADDRESS TO:</b> <b>Commissioner for Patents</b> <b>Box Patent Application</b> <b>PO Box 1450</b> <b>Alexandria, VA 22313-1450</b>																																																																		
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[Total Pages: <u>1</u>]</td></tr><tr><td></td><td><input type="checkbox"/></td><td>Newly executed (original or copy)</td></tr><tr><td></td><td><input checked="" type="checkbox"/></td><td>Copy from a prior application (37 CFR 1.63(d))</td></tr><tr><td>5.</td><td><input type="checkbox"/></td><td>This application is filed by fewer than all the inventors named in the prior nonprovisional application.</td></tr><tr><td></td><td><input type="checkbox"/></td><td>DELETE the following inventor(s) named in the prior nonprovisional application:</td></tr><tr><td></td><td><input type="checkbox"/></td><td>The inventor(s) to be deleted are set forth on a separate sheet attached hereto.</td></tr><tr><td>6.</td><td><input type="checkbox"/></td><td>Verified Statement Claiming Small Entity Status</td></tr><tr><td>7.</td><td><input checked="" type="checkbox"/></td><td>Incorporation by Reference (usable if Box 4b is checked) The entire disclosure of the prior application (identified in Item 21), from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</td></tr><tr><td>8.</td><td><input checked="" type="checkbox"/></td><td>Applicant claims foreign priority benefit to: <u>Korean Application 99-29280 filed July 20, 1999</u></td></tr><tr><td>9.</td><td><input type="checkbox"/></td><td>Application Data Sheet. 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**21. CONTINUING APPLICATION**, check appropriate box and supply the requisite information below:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/620,462.

Prior application information: Examiner: Thomas HO  
Group/Art Unit: 2134


**Preliminary Amendment:**

- ☐ Cancel in this application original claims of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
- ☒ In accordance with the foregoing, the specification has been amended to reference the parent application. Original claims 1-16, 23-33 and 41-46 from the parent application have been cancelled without prejudice or disclaimer, and claims 17-22 and 34-40 have been renumbered as claims 1-13 for the purposes of publication, and claims 14 and 15 have been newly added. The newly added claims are supported by the application as filed, for example, see paragraphs [0039] and [0040] of the specification. No new matter is presented.

**22. NEW CORRESPONDENCE ADDRESS CUSTOMER NO. 21,171****21171**

PATENT TRADEMARK OFFICE

**23. SIGNATURE OF ATTORNEY OR AGENT**

NAME	Michael D. Stein	REGISTRATION NO.	37,240
SIGNATURE		DATE	April 21, 2004